



Simi Settlers' Amateur Radio Club

Short Circuit

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	Nets of Interest ACS/ARES Corner
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The next **meeting** is at the
Simi Senior Center,
3900 Avenida Simi, Simi Valley.
Thursday March 9 at 7:00 PM.

The next Simi Settlers Pizza Night is at
Toppers, 2408 Erringer Road, Simi Valley.
Thursday March 2 at 6:00 PM.

KI6MZ, also known as **Jim** Hutchinson, has moved into an assisted living facility here in Simi Valley. He has graciously offered his years of puttering “stuff” up to the club. We had a few weekends of pick and choose hosted by Bill, AB6BW. At last, a few members of Conejo Valley ARC arrived to help take a few things away. Plan ahead, don't let your treasures end up in the trash bin!

The following persons walked away with some of Jim's treasures in return for a donation to the club:

Steve WA6EJO

Glen WA6GNB

Orv W6BI

Matt KN6SEC

Brad KI6KSY

John WI6O

Eric KE6MLF

Brian KM6MIN

Robber Miller

“Junk Guy” Jairon

If you got some stuff from Jim's, please bring your donation to the next meeting, we are trying to account for it NOW.

Nets of Interest

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
LSB Net 8pm 3.908 MHz SSARC 2 Meter Net* 8:30 pm SMRA-ERN Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0 The Newbie net 7 pm, Bozo Repeater 147.885 (– 127.3)	Condor Connection 7pm (Plays Newslane) Frazier Mountain 224.720-1.6 MHz PL156.7	LSB Net 8pm 3.908 MHz ACS Area 1 Simi Valley SMRA-ERN 7:05pm Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0 ATN-CA Net 7:30pm http://atn-tv.org/netnight.htm ACS Area 1 Simplex net, 6:45 PM on 145.510MHz	Channel Islands chapter 10-10 International 28.34 MHz at 10AM and 6PM Mesh VOIP Net* 8pm 2.4/5.8 GHz Mesh	LSB Net 8pm 3.908 MHz		SSARC SSB HF Net 8:30am 7.240 (+ or - QRM/N) 40 meter CW-QRP 9am 7.032 MHz Quad Squad net 1PM on 21.365 MHz's

Additional information on local nets can be found on the CVARC web site at: <http://www.cvarc.org>

* For more information, see <http://www.pvarc.club/mesh/mesh-applications/>

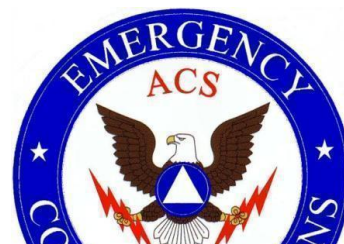
Our repeaters are too quiet!

If you are sitting around evenings or on the weekend, turn on your radio and listen in.
Sometimes there is local activity on 146.520, the simplex channel.

Here are our 8:30 PM Sunday night net controllers for the next few months:

Feb 5 Ron K6RIN
 12 Matt KN6SEC
 19 Brian KM6MIN
 26 Kevin KD6UTC

Mar 5 Ron K6RIN
 12 Matt KN6SEC
 19 Brian KM6MIN
 26 Kevin KD6UTC



ACS/ARES Corner

Frank Valdez KI6OQ is the Area 1 Emergency Coordinator

We are always looking for ACS members that would like to become Net Controllers. You will receive hands-on training at the Simi Valley PD (where we normally conduct the Weekly Net). It is both fun and at times challenging. You will gain valuable experience in running a controlled Net as well as becoming more than just familiar with the equipment in the Radio Room at the PD. If you would like to volunteer for this, just message Frank Valdez at frankki6oq@gmail.com.

Be sure to check www.vccomm.org for the latest !

If anyone is interested in how to set up your own packet station, RMS Winlink station, or a Mesh Node, contact Frank, he will point you in the right direction.

Barry K6ZA wants to remind everybody that they have options to check in with something other than a 2 meter handheld. The **80 meter net is Tuesday nights at 18:30 (6:30 PM) on 3.987 MHz.**

The **Area 1** (Simi Valley) net occurs Tuesdays. Generally it is just a brief check in, but usually some news about upcoming events is passed on.

The simplex net is on 145.510 at **6:45 PM**. The regular net is on the 146.805 (-, PL100) repeater at **7:00 PM. Stop by and say Hi.** You do not have to do anything other than check in to test out your simplex or repeater connection.

NOTE: Please be advised that we hold the Tue. **countywide** net at 19:30 (7:30PM) on the Sulphur Mountain WD6EBY repeater 145.200, minus 600 KHz offset, CTCSS of 127.3. Until further notice, this will be our standard frequency for countywide communications.

Visit vccomm.org for more updates!

**Simi Settlers Amateur Radio Club
General Membership Meeting, January 12, 2023**

Call to Order: The meeting was called to order at 7:04 pm by President Brian Hernandez, KM6MIN. Brian welcomed everyone to the meeting, which was held in-person at the Simi Valley Senior Center. There were fifteen in attendance, including seven Officers and Board Members/Advisors.

Brian led the Club in the Pledge to the Flag.

Brian started a round of introductions by those in attendance and announced that the position of Club Vice-President is still open. He also announced that a new Sunday Evening Net Control Schedule will be sent out soon by Club Secretary Ron Nelson K6RIN.

Treasurer: Glenn Daly, WA6GNB reported that the club treasury contains \$1,634.29 in the bank, and \$79 in petty cash. Also, the club received a donation of \$125 from Steve Knoll.

Glenn announced that he was stepping down from his duties as Club Treasurer after having served 9 years in the position. He recommended nominating Matt Griffin KM6SEC as Interim Club Treasurer to fill the remainder of the Fiscal Year through June 2023. Pursuant to the Club By-Laws, the matter will be taken up by the Board at its next regularly scheduled meeting.

The Treasurer's report was approved.

Secretary: Ron Nelson K6RIN provided printed copies of the minutes from the last club meeting on November 10, 2022.

Ron reminded the club that the Board had made a recommendation to raise the Club dues at the start of the next fiscal year in July 2023. The recommended rates were \$25 annual dues for each member, and \$30 annual dues for members and their families. This recommendation was made due to recent increases in costs for club business, such as insurance and post office box fees.

Ron made a motion to formally adopt the recommended club dues. The motion was passed unanimously.

Ron announced an upcoming annual VHF contest on the weekend of January 21-23, and invited anyone interested in participating.

Ron announced his recent SOTA (Summits on the Air) Mountain Goat award, after reaching 1,000 points.

The Secretary's Report was approved.

Webmaster: Matt Griffin KN6SEC reported that the Club Website has been updated monthly with the newsletters and 2023 meeting dates.

March 2023

Matt announced that the City of Simi Valley will be hosting "CERT" classes starting February 22 through March 29. The classes will be on Wednesday evenings from 6:00-9:00 PM.

Historian: Mike Tweedy KV6I announced that he had taken many photographs at the annual Holiday Party in December and they were published in our recent Newsletter.

Newsletter: Eric Oberg KE6MLF reported that he is still looking for stories and items of interest for the Newsletter.

Announcements: Bill Woods AB6BW announced that former member Jim Hutchinson has moved into an assisted living facility and has a lot of ham equipment that he will be donating to the Club and its members.

Kerwyn Schimke N6YHX announced that he and his daughter are exploring the possibility of a Cross-Atlantic sailing trip. He is looking for advice on using HF radio at sea.

John Kitchens NS6X, our ARRL Section Manager was in attendance and gave an update on ARRL matters, including:

- The FCC sold their recent acquisition of the 3 GHz band from the Ham community for \$5 billion.
- The FCC is exploring the possibility of creating a shared portion of the 10 GHz band.
- Current Federal Legislation forcing HOA's to allow antennas has stalled in the legislative process.

Brian Hernandez KM6MIN brought up the continued work on the eyeball QSO card. Drafts were submitted by Ron Nelson K6RIN and Eric Oberg KE6MLF. A Motion was made to allow the Board to approve a design for the Club. The motion was passed.

Program: Eric Oberg KE6MLF continued Part 5 of his presentation on building an Arduino based RF detector. This presentation emphasized completion of the circuit board layout and design.

Member Drawing: President Brian Hernandez conducted the progressive membership drawing with \$30 as the prize. The name drawn was Kim Galbraith W6KJG, who was not present. The prize for the February meeting will be \$40.

Adjournment: The meeting was adjourned at 8:38 pm.

Submitted by: Ron Nelson, K6RIN, Club Secretary

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Member Updates

Curtis Mazias has become a silent key. From Orv, W6BI: "Curt was a member of the Settlers in the late 80s & early 90s. He used to hang out on the local repeaters. He was a really nice guy."



From ORV W6BI and archive.org via Hackaday.com

Some (lots) of our amateur radio and electronics publications are getting digitized and put up on the internet. Go visit the Digital Library of Amateur Radio & Communications page at Archive.org

The link is <https://archive.org/details/dlarc>

The Digital Library of Amateur Radio and Communications is a library of materials and collections related to amateur radio and early communications. The DLARC is funded by a significant grant from [Amateur Radio Digital Communications](#), a private foundation, to create a digital library that documents, preserves, and provides open access to the history of this community.

This free resource combines archived digitized print materials, born-digital content, websites, oral histories, personal collections, and other related records and publications. The goals of DLARC are both to document the history of amateur radio and to provide freely available educational resources for researchers, students, and the general public.

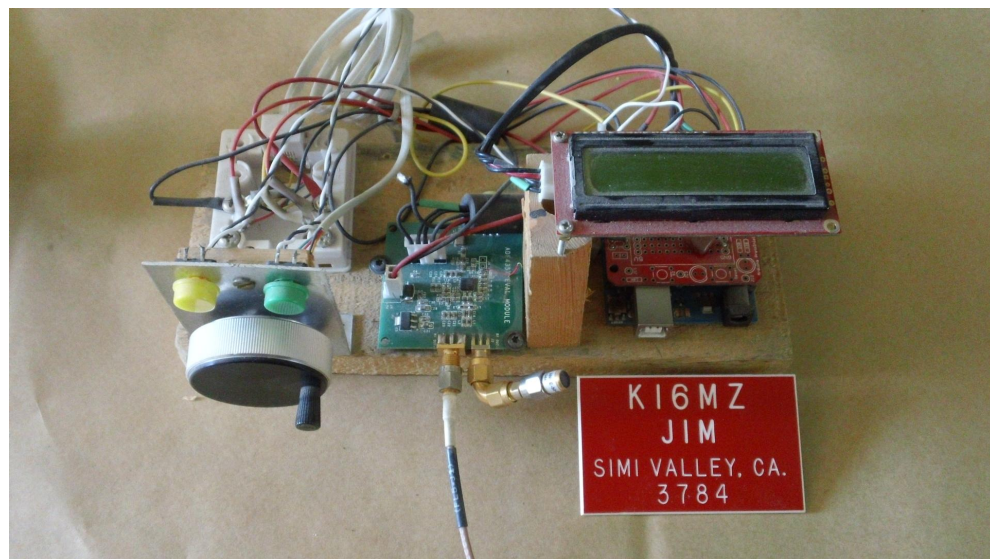
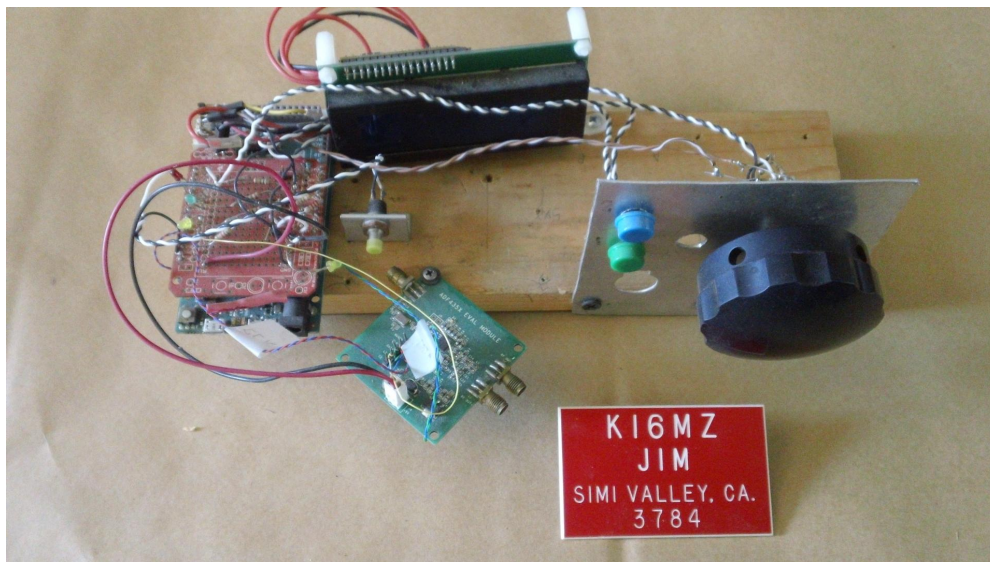
May be old, vintage, or obscure, but there is an increasing amount of material being added.

March 2023

And from the **Busy and Cluttered mind of Jim Hutchinson KI6MZ** (via Eric KE6MLF):

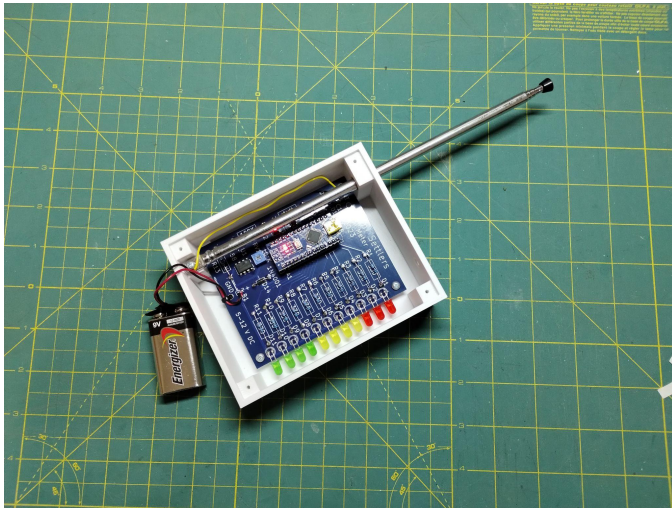
This is an Arduino / LCD / Encoder / RF signal source. I found TWO of these constructs, but they are not quite the same, or even ready for primetime. The encoders are a bit funky, and the menus are incomplete. They may need a 4 line LCD, not just 2. The small green circuit board is an evaluation module for a frequency generator IC. What was Jim doing with a 140 MHz to 6 GHz frequency range?

Why does one use the + output, and the other the - output? I bet Jim made two of them so he can generate both positive and negative matter for a black hole. If you feel a disturbance in the force next weekend, it might be from me powering them both up at the same time.



Arduino RF Detector Project by Eric KE6MLF

I will bring my laptop to the next few meetings to help program the Arduino Nanos. Joe W6JWP put his in a 3D printed case. The LEDS glow right through the thin plastic.



Next project?

Our next club project is via Joe, W6JWP. He wants an Anderson power pole based distribution block. This would be great in the shack or go-box. However, Joe is simple, he only wants connectors and fuses, no proper features.

I want something like this also, but my design is going to be more better. It will have a volt meter, and LEDs. Sometimes the extra bits make a better doodad. You don't have to vote which one you like, I can lay both out. But then;

Here is the deal. I have heard many times that making "club projects" is a path to unhappiness for somebody. How many to buy, what about the components, I want different parts, can you get them here sooner, how about different connectors and colors, can't you get then lower cost.... Lots of work and headaches.

How about I or Joe design the files, and YOU send the files to the fabrication facility. PCBs, 3D printing, machine shops, it is all available. I do not want to spend the time to do your shopping. You can group together and buy your OWN circuit boards. Joe will design a 3D printed case for YOU to send out and get fabricated.

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Where to buy a PCB?

www.seeedstudio.com

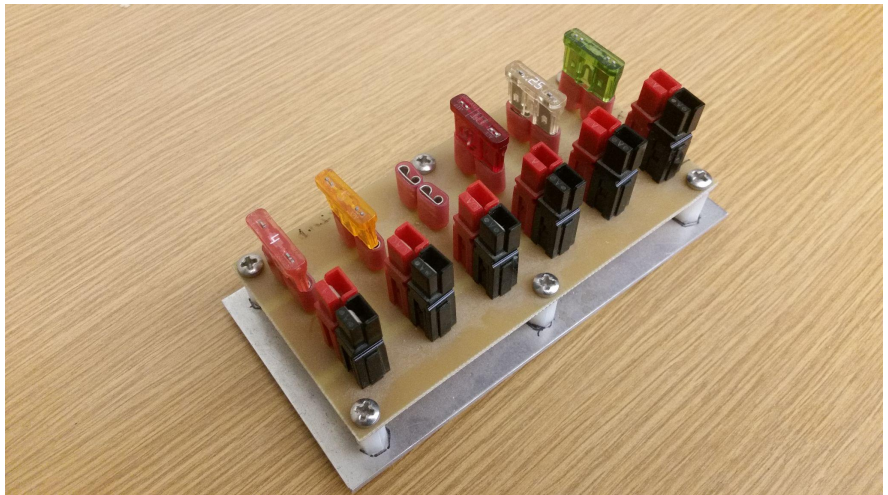
www.pcbway.com

www.jlcpcb.com

How to buy a 3D printed thingy?

www.pcbway.com

www.thingiverse.com



Did you know you can also browse the zillions of designs already uploaded to Thingiverse and request a print in the color, material, and finish of your chose.

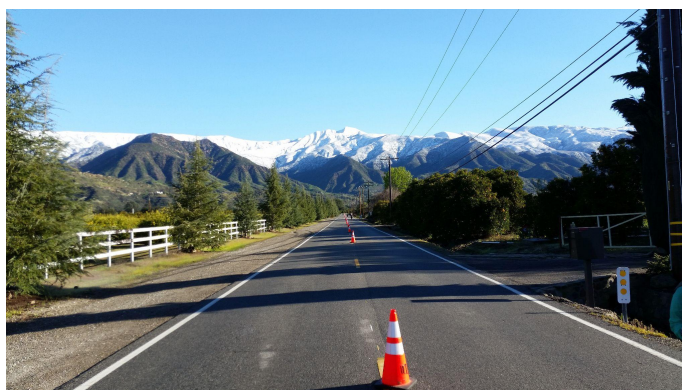
Don't like to solder? Lots of PCB fabrication companies will do the assembly for you. You can, of course, have them also buy the parts.

Maybe you could offer a Sushi and Sake dinner, a massage, or "mow your lawn" in trade to a friend to buy or build things.

2023 Ventura Marathon by Eric / KE6MLF

Many of us supported the aid stations, race start and finish, SAG, and race by bicycle. Did you know it was DANG chilly in Mira Monte and Ojai at 4 in the morning? Actually it was a very nice day with no rain, great view, and lots of happy runners. No incidents or disasters.

The view looking north,
from the ranches east
of Ojai.



March 2023

Aid station Alpha?
Cleaning up as the last
runners had just
passed.



The view north west
towards Los Padres
Forest. The snow level
is probably around
2,000 feet.



A gaggle of water stop
volunteers, the white
tent behind is our aid
station with Brian
KM6MIN and Dave
KM6FQ.



My chase bike buddy,
Larry K6LWG. Really?
He started and finished
wearing those shorts. I
had long running pants,
nylon cargo pants on
top of that. Shirt,
pullover, jacket,
windbreaker, beanie,
and gloves..

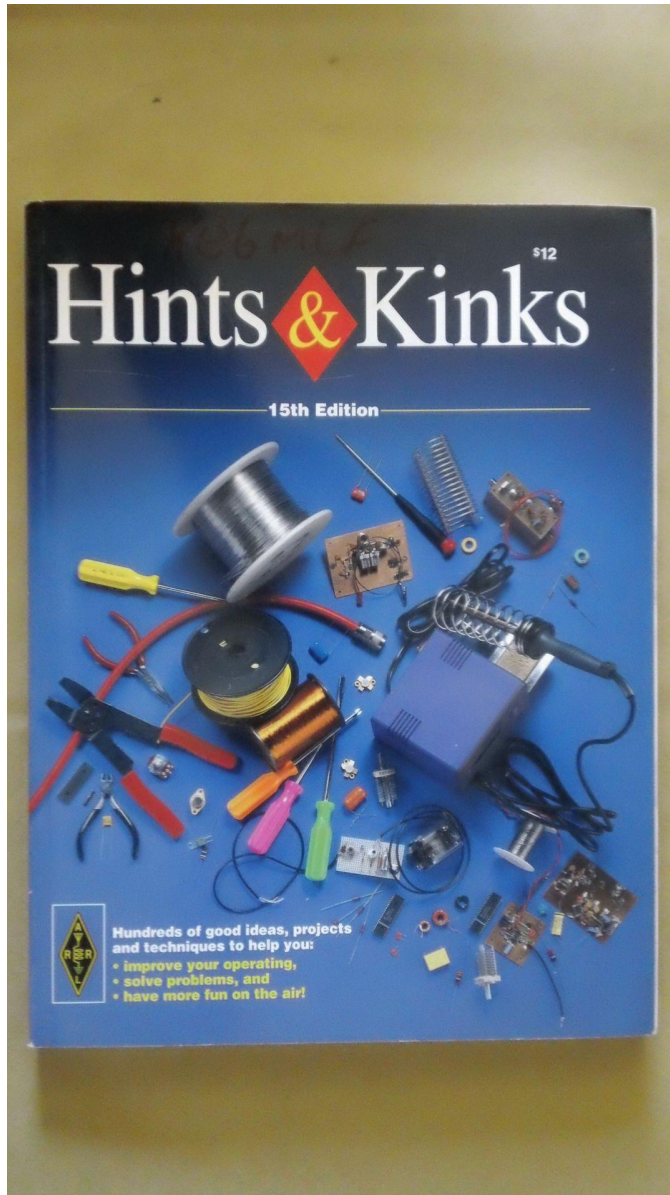


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How about we create a Library? by Eric / KE6MLF

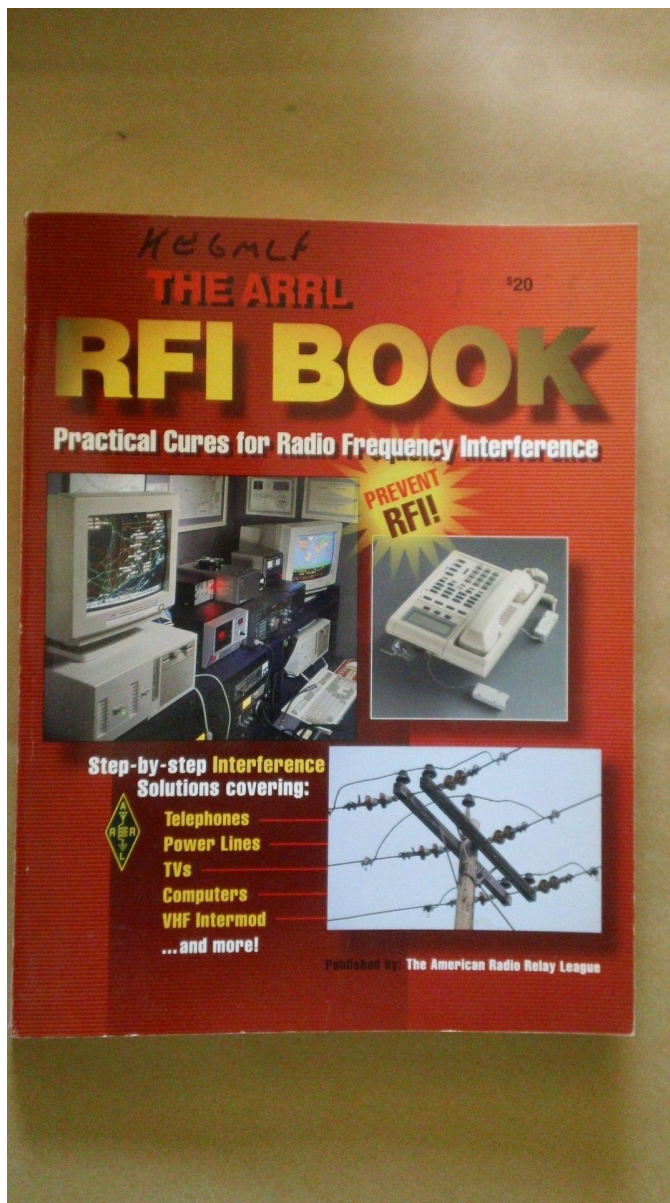
To start with, the following books are available for loan:

Hints & Kinks for the
Radio Amateur 15th
Edition



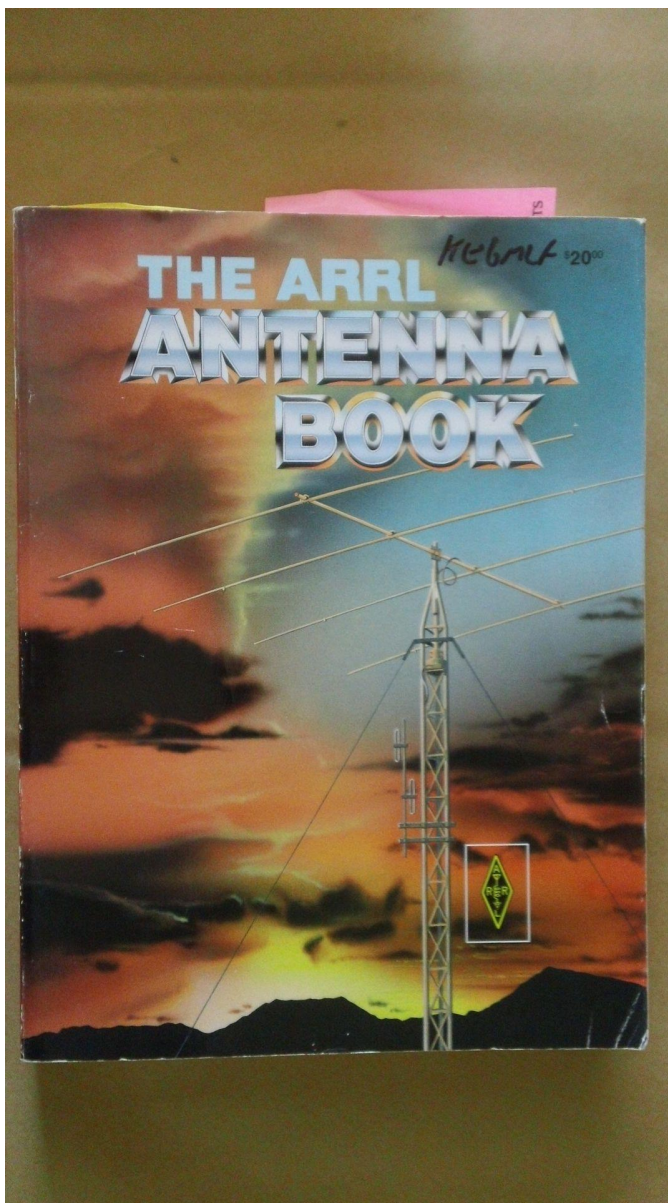
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The ARRL RFI Book 1st
Edition



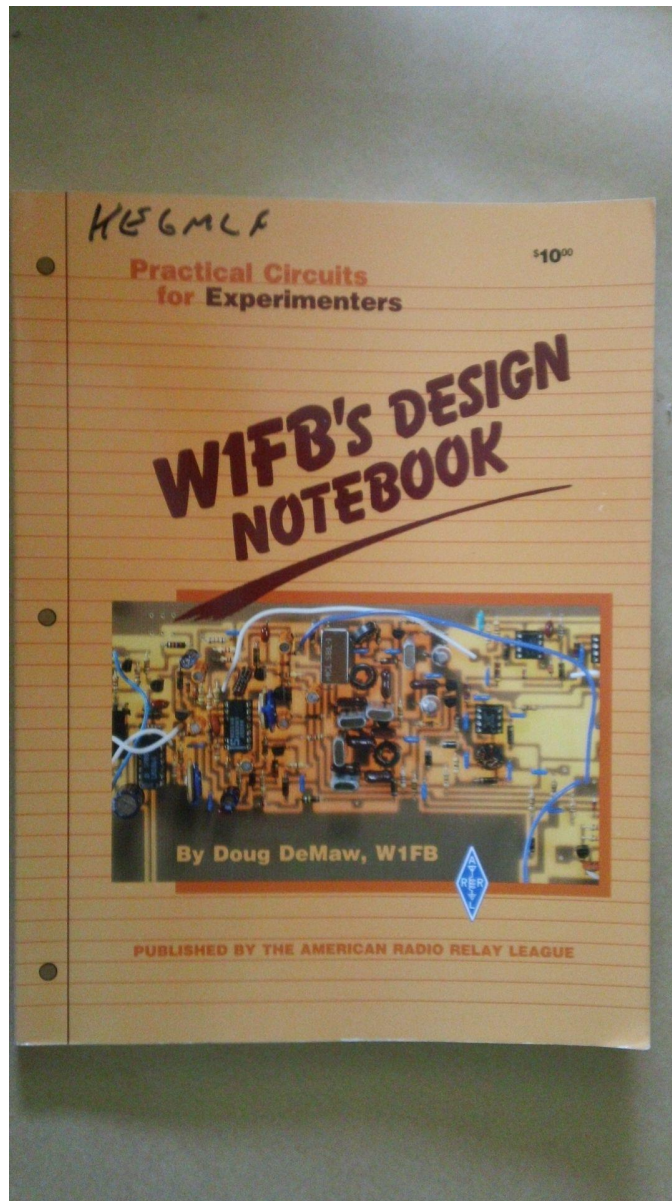
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The ARRL Antenna
Book 16th Edition.
Fat, 2 inches thick...



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W1FB's Design
Notebook



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And from Jim, The
ARRL Antenna
Compendium
Volumes 2,3,5,6,
and 7



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A tool lending library by Eric / KE6MLF

Again in keeping with the Jim KI6MZ school of thought - build some stuff and try things out! Here are tools for **LOAN**. Rules are if you break it, you replace it. I will loan them out for a month or three, then back to me, no passing around.

Forstner drill bit set - for making flat bottom holes in wood.



Electrical conduit punches - 1/2, 3/4, 1, 1-1/4". These are for electrical boxes, a bit heavier build.



Deep throat hole punch (like Whitney), for thin sheet metal.

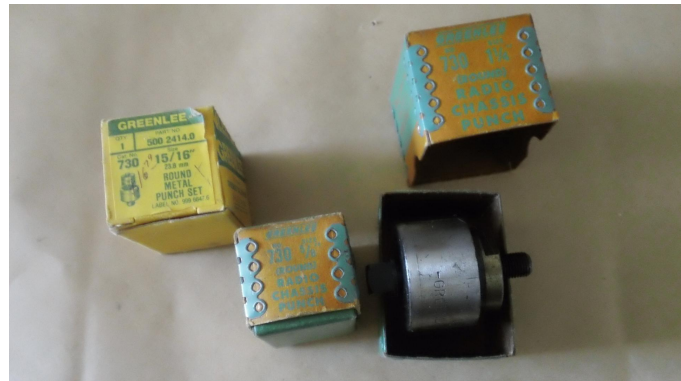


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MFJ frequency counter



I am throwing my own round chassis punches in to the fray, inch sizes 1/2, 5/8, 3/4, 7/8, 15/16, 1-1/16, 1-1/8, 1-1/4, 1-5/32, 1-1/2, and 2, all for thin sheet metal.
I also have a 1" square punch.



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SSARC Marketplace

This section of the newsletter is for Simi Settler club members to post various used or previously owned items for sale that they may no longer have a need or use of. Please submit a brief description of the sale items (along with a photo if possible) and suggested price to Eric Oberg KE6MLF, the newsletter editor, at least two days before newsletter publication. It is suggested that a portion of each sale be donated to the SSARC treasury to help support the club's several activities. The term "OBO" means "Or Best Offer" and serves only as a starting point in negotiating a fair price.

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PROTEK 3502C OSCILLOSCOPE



This dual channel oscilloscope ranges from DC to 20 MHz. Input impedance is 1 M Ω shunted with 20 pF. Vertical deflection ranges from 5 mV to 20 V/Div over 12 ranges. Time base ranges from 0.2 μ sec to 0.5 sec/DIV on 20 ranges. Channel inputs can be selected for either Channel A or Channel B separately, Channel A and B displayed together, or a display of Channel A signal summed with Channel B. X-Y operation can be selected as well to display various lissajous patterns as desired. Two scope probes are provided with the unit. Perfect for testing applications and/or general experimental use.

Condition: Excellent Price: \$50 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

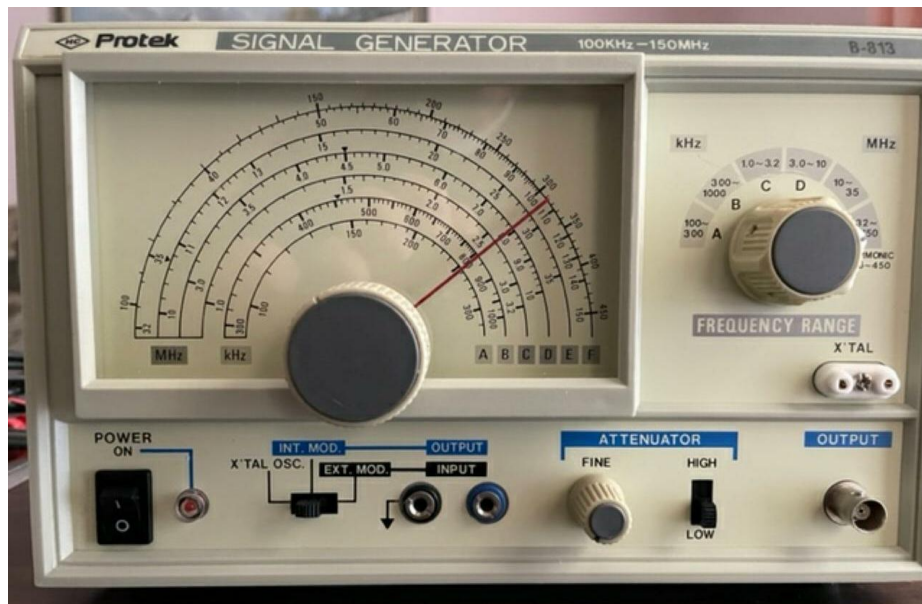
EICO 390 FUNCTION GENERATOR



This function generator can provide sine wave, triangular wave or square wave outputs with a frequency range of 0.2 Hz to 200 KHz selectable over 4 ranges. Output waveforms can be selected to perform a wide variety for testing of electronic equipment. Output up to 10 v p-p is provided which may be attenuated from 0 to -50 dB. This unit also provides a sweep generator which can provide linear or logarithmic sweep modes of up to 1000:1 sweep range with a choice of three different sweep speeds.

Condition: Excellent Price: \$25 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

PROTEK B-813 SIGNAL GENERATOR



This signal generator provides an RF sine wave signal from 100 kHz to 150 MHz over 6 different frequency ranges. The output level can be adjusted from 30 mV to 250 mV RMS Max via the attenuator control. The unit also allows a 1 MHz to 15 MHz external crystal to be used for operation on a fixed frequency in lieu of VFO operation. Output is modulated at a 1 kHz signal at a 1V RMS level.

Condition: Excellent Price: \$25 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

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RADIO SHACK 3-1/2 DIGIT DMM w/ PC INTERFACE



Radio Shack's Model 22-168A DMM is a top-of-the line portable test instrument ideally suited for use in the field, lab, shop and home. It is a multi-function instrument that covers 38 total ranges covering full scale measurements of voltage (200mV-1000 V), current (200 μ A - 20 A), resistance (200 ohms – 2000 M Ω), capacitance (200 pF – 200 μ F), frequency (2 kHz – 20 MHz), transistor gain (hFE) and diode polarity check. It also features a dual measurement mode where, for example, both the AC RMS voltage and frequency can be shown simultaneously on the meter LCD display. The unit also features auto-ranging capability and overload protection including an auto-shutoff feature to preserve battery life.

This unit can also double as portable data acquisition device incorporating a RS-232 serial interface that allows your computer to directly capture data through a standard computer COM port using the interface cable and software provided.

Condition: Excellent Price: \$15 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

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MOBILE HAMSTICK ANTENNAS



I have five MFJ 1/4 wave hamstick-type antennas for sale, ranging from 75m, 40m, 20m, 15m and 10m plus a 5/8 wave Hustler CG-144 for operation on 2m. All of them feature a standard 3/8-24 threaded mount with a Hustler QD-2 quick disconnect adapter installed for quick R&R when operating on different bands. Typically the MFJ hamsticks sell for around \$30 new, the Hustler 2m antenna currently lists for \$73 while the Hustler QD-2 quick disconnect adapters sell for \$35 per set.

Condition: Excellent Price: \$80 for all or OBO. Contact Mike Tweedy KV6I (805-231-9683)

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PORTABLE TRIPOD ANTENNA TEST STAND



This tripod test stand features a 3/8-24 female threaded mount to allow installation of such antennas as a hamstick or any other antennas for testing or operational purposes. The bottom of the tripod has a SO-239-type female UHF connector to allow connecting a standard RG-8U or similar coax feedline. The three tripod legs can act as a small counterpoise for antennas under test and the entire unit can be installed on top of a motorhome or other vehicle for temporary use or actual operational use. Note: the sale is for the tripod stand only and does not include the hamstick and coax cable that are shown for demonstration purposes only.

Condition: Very Good Price: \$5 OBO. Please contact Mike Tweedy KV6I (805-231-9683)

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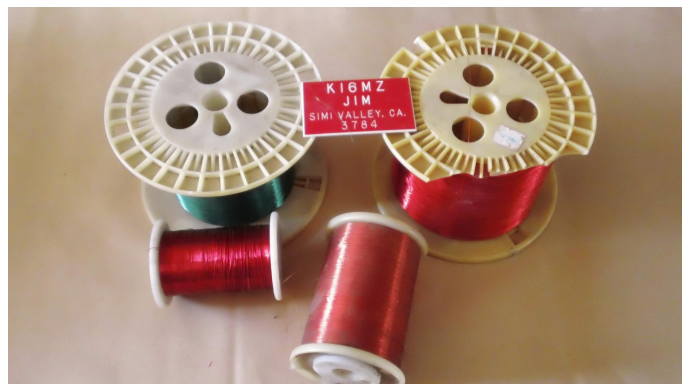
Variable capacitors. Cost is a tiny donation to the club.

Eric / ke6mlf



Magnet wire. If interested, I can measure the diameter with enamel and bare copper. A tiny donation to the club.

Eric / ke6mlf



Field strength meter. I think this was a September 2011 club project. We have the schematic and calibration instructions. I found 3 of these. I will keep one, and the other two are available. Donation to the club.

Eric / ke6mlf



A PILE of integrated circuits. All DIP packages. Lots of And, OR, and other Schmitt low level things. I think Jim was using them to create counters, ring oscillators, and frequency generators. If interested, I can bring them to a meeting for picking over. Tiny donation to the club.

Eric / ke6mlf



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Heat shrink tubing. Heat shrink tubing, lots of colors. Ask for a baggie of assorted bits. I for instance, put Yellow for “Yeastu” on my long whip antenna.

Eric / ke6mlf



Tripod - this had Jim's MONSTER view camera mounted on it. (Not a commercial product, but a custom wood box with bellows, lens and film plane plates.) Good wheels, rack, and leg slide. Donation to the club.

Eric / ke6mlf



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Simi Settlers' Amateur Radio Club Web Page: <http://www.simisetters.org/index.htm>
 Simi Settlers' ARC Yahoo Group: <http://groups.yahoo.com/group/SimiSettlersARC>
 Mail: P.O. Box 2125 Simi Valley, CA 93062-2125

Simi Settlers' Leadership				
President	Brian Hernandez	KM6MIN	(805) 813-7595 cell	km6min_bh@yahoo.com
Vice President	VACANT			
Secretary	Ron Nelson	K6RIN		rnelson759@sbcglobal.net
Treasurer	Matt Griffin	KN6SEC		mgriffi79@yahoo.com
Committee Chairpersons				
Webmaster	Matt Griffin	KN6SEC	(661) 361-5955 cell	mgriffi79@yahoo.com
Newsletter	Eric Oberg	KE6MLF	(805) 791-0745 cell	ericoberg1@gmail.com
Membership	Jim Parker	KJ6LXJ	(805) 368-6745 cell	kj6lxj@gmail.com
PIO	Linda Parker		(805) 558-1731 cell	kj6lxj@gmail.com
Raffle Prizes	Matt Griffin	KN6SEC	(805) 433-4513 cell	mgriffi79@yahoo.com
Youth Coordinator	VACANT			
Historian	Mike Tweedy	KV6I	(805) 231-9683 cell	mtweedy@roadrunner.com
Net Coordinator	Brian Hernandez	KM6MIN	(805) 813-7595 cell	km6min_bh@yahoo.com
Food Services	Bill Everett	KI6KSV		ki6ksv@gmail.com
Room Coordinator	Linda Parker		(805) 558-1731 cell	kj6lxj@gmail.com
Elmers and Members at Large				
Past-President	Bill Woods	AB6BW	(818) 694-9019 cell	AB6BW1@gmail.com
Advisor	Bill Everett	KI6KSV		ki6ksv@gmail.com
Advisor				

March 2023

Simi Settlers Amateur Radio Club

P.O. Box 2125 Simi Valley, Ca 93062-2125 --- (www.simisetters.org)

Membership Application



Type of Application:

Type of Membership:

New Member ☐

Individual (\$25/yr) ☐

Renewal ☐

Family (\$30/yr) ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Address: _____ City: _____ State: _____ Zip: _____

Phone: (____) _____ Alt. Phone: (____) _____

E-Mail Address: _____

Additional Family Members:

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Badges requested: Yes ☐ No ☐ How many? _____ X \$18.00 = \$ _____

Name (s) Call(s): _____

Shirt Printing: Yes ☐ No ☐ How many? _____ X \$25.00 = \$ _____

Name (s) Call(s): _____ (Self Supplied Polo Shirt, no emblem or pocket)

Hats Requested: Yes ☐ No ☐ How many? _____ X \$20.00 = \$ _____

Name (s) Call(s): _____

OFFICE USE ONLY

Application type: New ☐ Renewal ☐ Membership type: Individual ☐ Family ☐

Date Received: _____ Amount Received: _____ Database completed: _____

Badges and Shirts ordered: _____

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